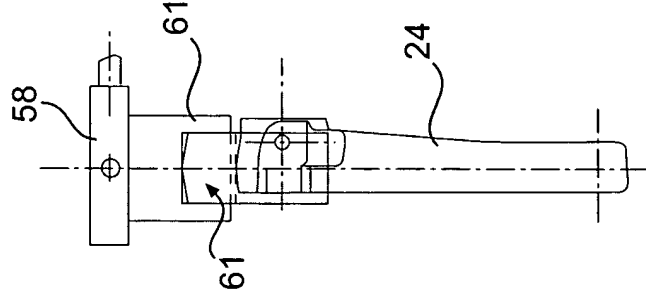
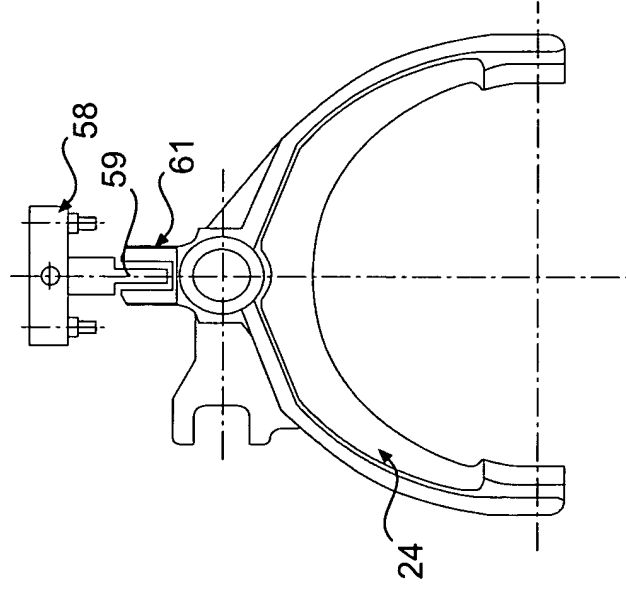


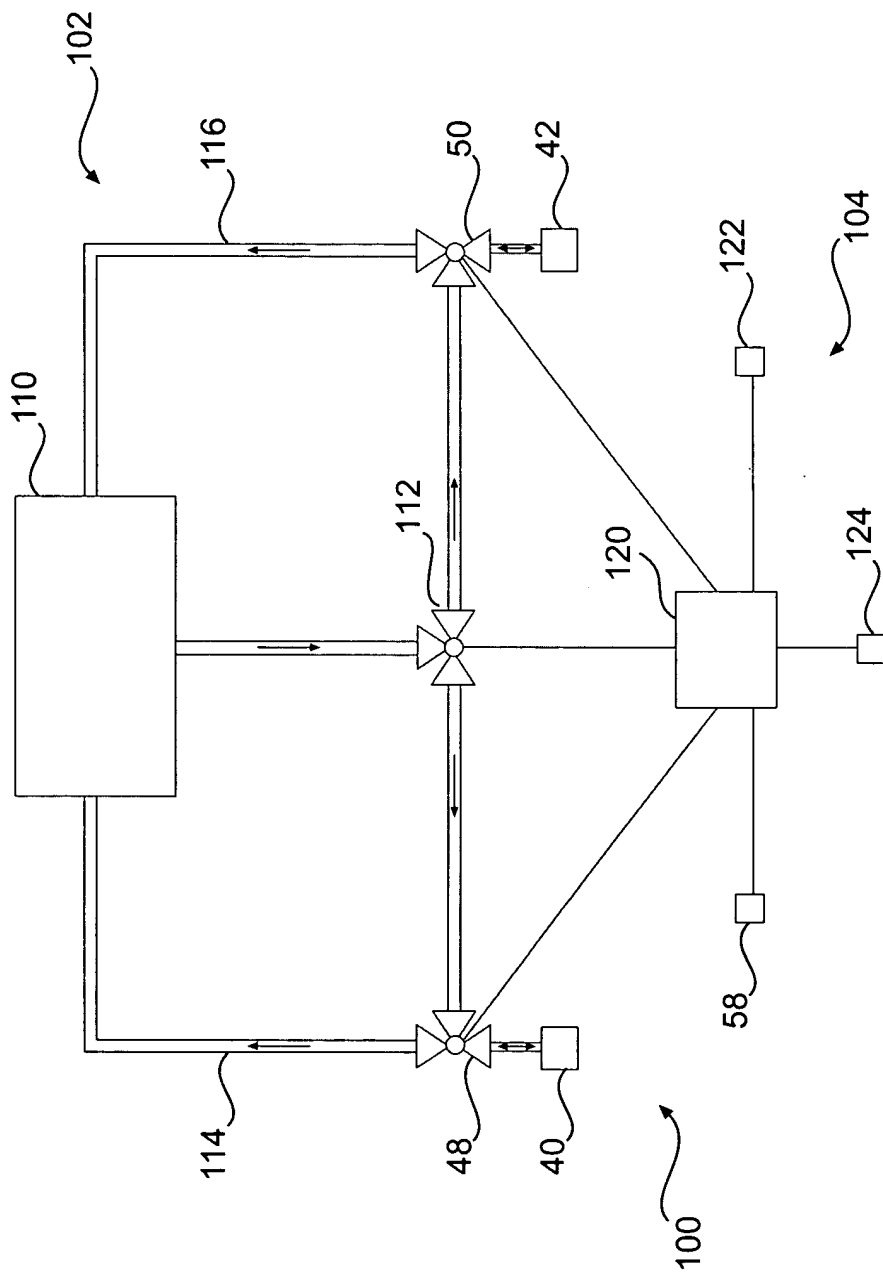
**FIG. 2A**



**FIG. 2C**

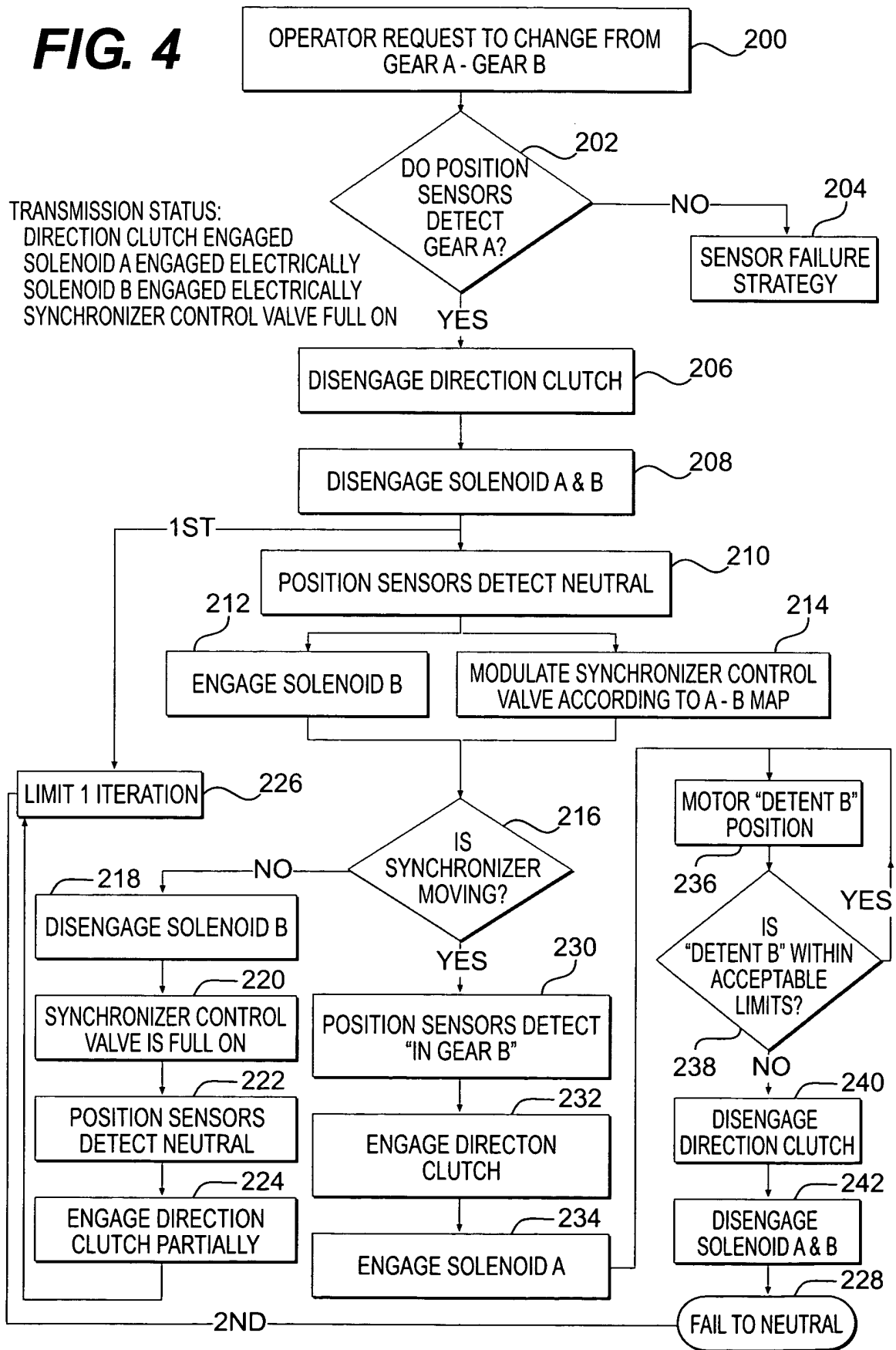


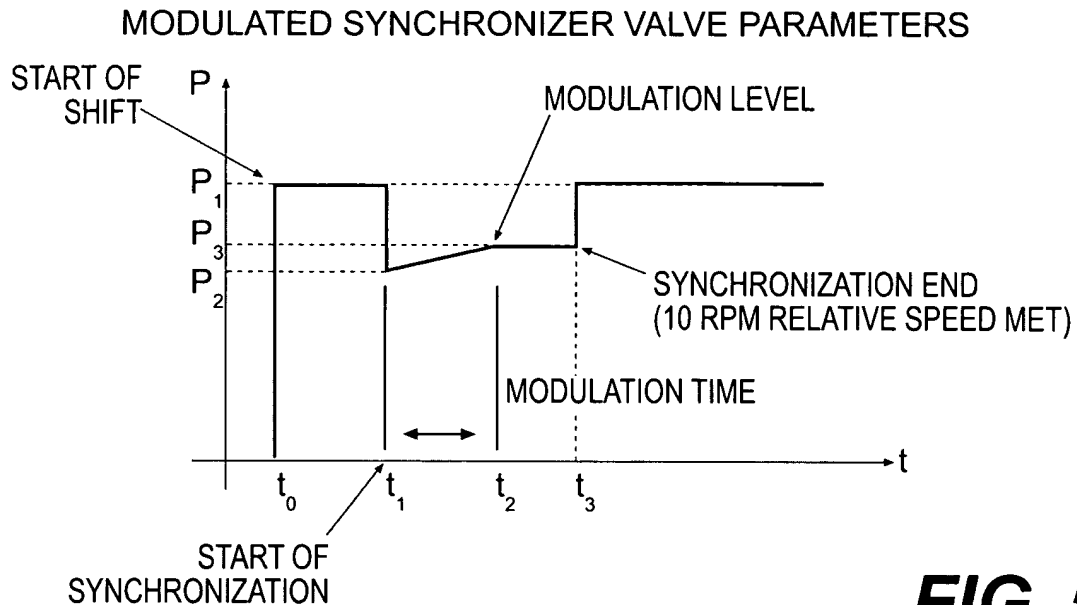
**FIG. 2B**



**FIG. 3**

**FIG. 4**





**FIG. 5**

**MODULATED SYNCHRONIZER ENGAGEMENT**

		AMPS	kPa
SYNCH. VALVE I1	I1	0.4	600
SYNCH. VALVE I2	I2	1.1	1460

LOOPS	
SYNCH1PULSE	1
SYNCH2PULSE	1
SYNCH3PULSE	1
SYNCH4PULSE	1
SYNCH5PULSE	1

	BEG (kPa)	END (kPa)	SLIP (LOOPS)
1F->2F	455	1460	6
2F->3F	455	900	6
3F->4F	455	900	6
4F->5F	455	1000	6
1R->2R	455	1460	6
2R->3R	455	900	6
5F->4F	455	1000	6
4F->3F	455	1200	6
3F->2F	455	1460	6
2F->1F	455	1460	6
3R->2R	455	1460	6
2R->1R	455	1460	6

**FIG. 6**